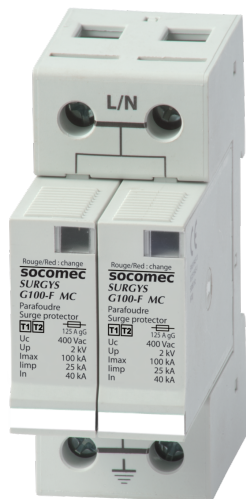


49811040

## SURGYS G100-F SPD Type 1+2 I<sub>max</sub>=100kA U<sub>p</sub>=2kV IT network MC mode-4P



### Strong points

- Recommended where there is a risk of direct impact from lightning strikes
- Absence of follow current
- Integrated thermal disconnection device
- End of service life indicator
- Remote signalling
- Plug-in modules for easy maintenance

### General characteristics

- Single-pole surge arrester type 1 + 2.
- 2, 3 or 4 poles
- For earthed systems TNC and IT.
- I<sub>imp</sub>: 25 kA/pole (100kA/3Ph+N), pulses 10/350  $\mu$ s.
- I<sub>max</sub>: 100kA, pulses 8/20  $\mu$ s.
- Internal disconnections.
- Status indicators.
- Remote signalling.

### Compliance with standards

- NF EN 61643-11
- IEC 61643-11

### Link to the reference

<https://apac.socomec.com/en/reference/49811040>

The SURGYS G100-F surge arrester is designed to protect your low voltage distribution installations and your electrical equipment. It acts against industrial operation surges and surges due to lightning. This type of surge arrester is particularly recommended where there is a risk of direct impact of lightning strikes.

<b>Classification</b>	
UNSPSC	39121620
ETIM Class	EC000941
IGCC	4951
<b>Commerce</b>	
Effective date	2012-11-14
Country of origin	CN
<b>ETIM - Electrical characteristics</b>	
Nominal discharge surge current (8/20) [kA]	25
Max. discharge surge current (8/20) [kA]	100
Nominal voltage AC [V]	400
Voltage protection level [kV]	2
Short-circuit breaking capacity (Iscbr) [kA]	25
Integrated backup fuse	No
With remote signalling contact	Yes
Category type 2	Yes
<b>ETIM - Mechanical characteristics</b>	
Max. conductor cross section solid (solid, stranded) [mm²]	25
Max. conductor cross section flexible (fine-strand) [mm²]	25
Degree of protection (IP)	IP20
<b>ETIM - Technical features</b>	
System configuration IT	Yes
System configuration TN	Yes
System configuration TN-C	No
System configuration TN-C-S	No
System configuration TN-S	No
System configuration TT	Yes
System configuration other	No
<b>Logistics</b>	
GTIN/EAN	3596032711566
Customs number	8535400090
Price unit	PC
Weight of the packing unit	1.526
Length of the packing unit	0.099
Width of the packing unit	0.115
Depth of the packing unit	0.209
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Number of poles	4

Network type	IT
Protection type	Type 1 and 2
Rated voltage	400 VAC
Size	8 Modules